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Summer Legumes

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Science and Education Administration U.S. Department of Agriculture 1978



Catalog of Seed and Vegetative Stock Available From the Southern Regional Plant Introduction Station

SUMMER LEGUMES

Compiled by

REGIONAL PROJECT S-9

of the

Agricultural Experiment Stations

of

Alabama, Arkansas, Florida, Georgia, Hawaii, Kentucky, Louisiana, Mississippi, North Carolina, Oklahoma, Puerto Rico, South Carolina, Tennessee,

Texas, and Virginia

and the

Science and Education Administration

and

Soil Conservation Service

of the

U.S. Department of Agriculture

This catalog, which supersedes the edition of February 1975, is available from the Southern Regional Plant Introduction Station, Science and Education Administration, U.S. Department of Agriculture, Experiment, Ga. 30212. Other catalogs in this series:

Vine Crops. June 1978.
Sesamum Species. August 1978.
Castors. September 1978.
Guar. September 1978.
Pearlmillet. November 1978.
Table Legumes. December 1978.

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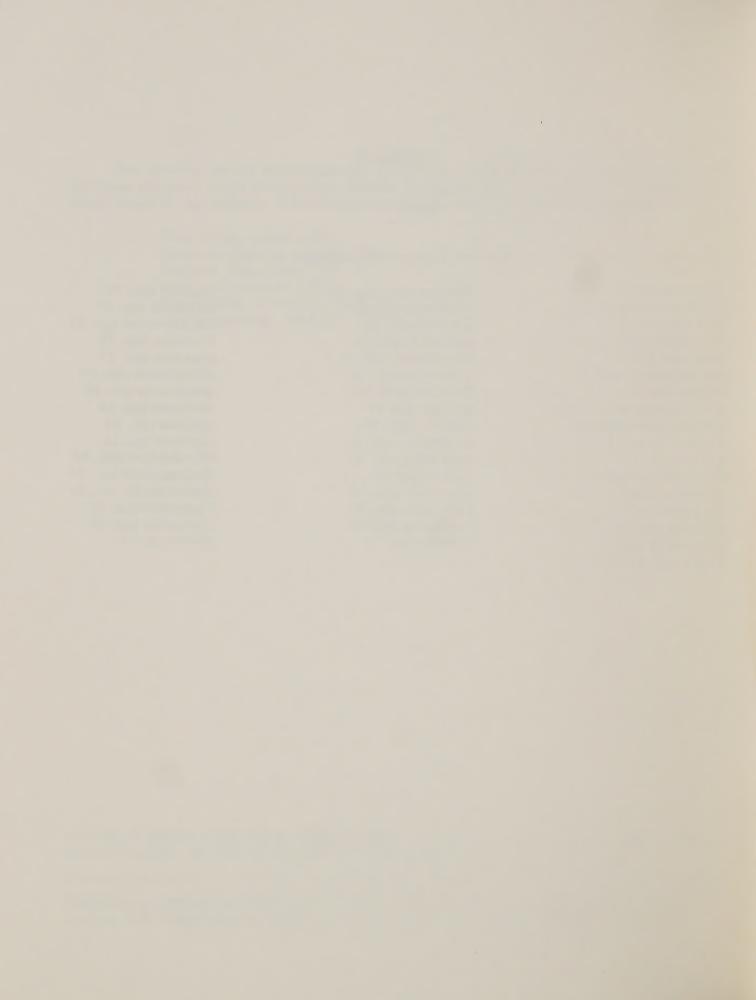
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Foreword

Seeds of the plant introductions listed herein are available in small quantities to research workers on request to the Southern Regional Plant Introduction Station, Experiment, Ga. 30212. This inventory is cumulative for plant materials grown at the regional station or by cooperating State experiment stations since 1949, when the S-9 "New Plants" project was initiated. During the year of seed multiplication, plants were observed, when possible, for agronomic and horticultural characteristics and other desirable genetic characters. These data are summarized for the use of plant scientists who wish to select plant materials for research.

Many plant species that are not in this seed list are available at the Northeastern Regional Plant Introduction Station, Geneva, N.Y. 14456; North Central Regional Plant Introduction Station, Ames, Iowa 50010; and the Western Regional Plant Introduction Station, Pullman, Wash. 99163. The Plant Germplasm Technical Committee member in each State can provide a list of plant materials available at each station. In the Southern States, Hawaii, and Puerto Rico the members are:

- Alabama: C. S. Hoveland, Department of Agronomy, Agricultural Experiment Station, Auburn, Ala. 36830.
- Arkansas: John L. Bowers, Department of Horticulture and Forestry, Agricultural Experiment Station, Fayetteville, Ark. 72701.
- Florida: Gordon M. Prine, Department of Agronomy, Agricultural Experiment Station, Gainesville, Fla. 32611.
- Georgia: W. R. Langford, Regional Plant Introduction Station, Experiment Ga. 30212.
- Hawaii: R. A. Hamilton, Department of Horticulture, College of Tropical Agriculture, University of Hawaii, Honolulu, Hawaii 96822.
- Kentucky: R. E. Sigafus, Department of Agronomy, Agricultural Experiment Station, Lexington, Ky. 40506.
- Louisiana: R. J. Stadtherr, Department of Horticulture, Agricultural Experiment Station, Baton Rouge, La. 70803.
- Mississippi: C. E. Watson, Department of Agronomy, Agricultural Experiment Station, Mississippi State, Miss. 39762.
- North Carolina: W. T. Fike, Department of Crop Science, North Carolina State University, Raleigh, N.C. 27607.
- Oklahoma: James S. Kirby, Department of Agronomy, Agricultural Experiment Station, Stillwater, Okla. 74074.

- Puerto Rico: Oscar D. Ramirez, Department of Plant Breeding, Agricultural Experiment Station, Río Piedras, P.R. 00928.
- South Carolina: D. W. Bradshaw, Department of Horticulture, Agricultural Experiment Station, Clemson, S.C. 29631.
- Tennessee: L. N. Skold, Department of Plant and Soil Sciences, University of Tennessee, Knoxville, Tenn. 37901.
- Texas: E. L. Whiteley, Department of Agronomy, Agricultural Experiment Station, College Station, Tex. 77843.
- Virginia: A. J. Lewis III, Department of Horticulture, Agricultural Experiment Station, V.P.I. & S.U., Blacksburg, Va. 24061.

Plant scientists in the Southern Region having a need for plant germplasm not available at any of the regional stations or other units of the National Plant Germplasm System should direct their requests to the Coordinator, Regional Project S-9, Southern Regional Plant Introduction Station, Experiment, Ga. 30212. Scientists in the North Central, Northeastern, or Western Regions should direct similar requests to the Coordinator, Regional Project NC-7, NE-9, or W-6, at the appropriate Regional Plant Introduction Station.

W. R. Langford Coordinator, Regional Project S-9 Science and Education Administration

Summer Legume Introductions

The following symbols and abbreviations are used in the table of summer legume introductions:

<u>Column</u> <u>Interpretation</u>

Source

Species SP, unidentified species.

ARGN, Argentina. AUSTL, Australia. BAHAM, Bahamas. B CON, Zaire. BELG, Belgium. BRAZ. Brazil. BWIND, British West Indies. CANA, Canada. CEYL, Ceylon. COLO, Colombia. CO RI, Costa Rica. DOM R, Dominican Republic. E AFR, East Africa. ELSAL, El Salvador. ETHI, Ethiopia. FRAN, France. FRCAM, French Cameroon. FWIND, French West Indies. GBE, Great Britain (England). GER, Germany. GRECE, Greece. GUAT, Guatemala. GUIN, Guinea. HOND, Honduras. HO KO, Hong Kong. INDO, Indonesia. ISRL, Israel. IV CO, Ivory Coast Republic. JAMA, Jamaica. MALA, Malaya. MALGY, Madagascar. MANCH, Manchuria. MAURS, Mauritius. MEX, Mexico. MOROC, Morocco. MOZAM, Mozambique. N GUI, New Guinea. NCLDN, New Caledonia. NIGIA, Nigeria. OKAWA, Okinawa.

AFGH, Afghanistan. AFR, Africa. ANGOL, Angola.

PAK, Pakistan. PANA, Panama. PARA, Paraguay. PHIL, Philippines. PORT, Portugal. PU RI, Puerto Rico. RHOD, Rhodesia. S AFR, South Africa.

Islands. VT NM, Vietnam. ZAMBI, Zambia.

S LON, Sierra Leone. SENGL, Senegal. SURI, Surinam. SWAZ, Swaziland. SWAFR, South-West Africa. TAIWN, Taiwan. TANZ, Tanzania. THAI, Thailand. TONIS, Tonga Islands. TURKY, Turkey. UGAN, Uganda. URUG, Uruguay. VENEZ, Venezuela. VI IS, Virgin

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CULTIVAR OR OTHER IDENTIFICATION				BN-3266-52		A 1913		BN-5933-61	9N-1293-48		
SOURCE	S AFR INDIA RHOD	MEX ETHI AUSTL ANGOL INDIA	NIGIA AUSTL B CON BRAZ BRAZ	KENYA TANZ CUBA PU RI PU RI	INDIA S AFR S AFR B CON	ANGOL VENEZ INDIA GFR ZAIRE	S AFR BRAZ BRAZ S AFR BPAZ	COLO BRAZ BRAZ BRAZ USA	USA BAHAW MEX SURI	NIGTA NIGTA BRAZ INDIA SENGL	MAURS
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P. I. NUMBER	GENUS	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATURITY	PLANT HEIGHT	PLANT WIDTH (DM)	BRANCHES	FOLIAGE	SEED PRO- DUCTION
404320 214105 319344 199781	DESMODIUM DESMODIUM DESMODIUM DESMODIUM	CUNEATUM CUSPIDATUM CUSPIDATUM OILLENII	BRAZ SPAIN MEX CANA		MIDSEASON		ro V	MEDIUM	SPARSE	MEDIUM
214106	DE SMODTUM DE SMODTUM	DILLFNII	SPATN BRAZ INDIA		EARLY		4	MEDIUM	MEDIUM	MEDIOM
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316211 316212 317046 317047	DE SMODIUM DE SMODIUM DE SMODIUM DE SMODIUM DE SMODIUM	DISTORTUM DISTORTUM DISTORTUM DISTORTUM DISTORTUM	AUSTL GUSTL GUST PU RI TANZ							
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292351 217910 317049 364510	DESWODIUM DESMODIUM DESMODIUM DESMODIUM DESMODIUM	HASSLERI HETEROCARDUM HETEROCARDUM HIRTUM INCANUM	COLU INDIA INDIA S AFR PERU		EARLY	6	4	MEDIUM	MEDIUM	MEDIUM
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								BN-4164-45	KUNA F-181-51-64	CPI 11740	CPI 18150 CPI 18160 CPI 18162 CPI 18163
CO RI BRAZ TANZ BRAZ CO RI	ISRL COLO S AFR CO RI BRAZ	AUSTL AUSTL BRAZ CEYL MEX	ELSAL CO RI CO RI CO RI	88.82 88.82 88.82 88.82 88.82	888 828 888 888 888 888 888 888 888 888	D. C	JAVA AUSTL JAPAN	EL SAL AUSTL JAMA S. LON USA	USA USA USA SPAIN KENYA	AUSTL SPAIN AUSTL AUSTL AUSTL	AUSTL AUSTL AUSTL AUSTL
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CULTIVAR OR OTHER IDENTIFICATION								BN-3712-47 BN-4572-47		BN-5257-49	RN-3057-56 BN-9711-53
SOURCE	TANZ TANZ BRAZ CO RI	AUSTL S AFR S AFR S AFR	S S S S S S S S S S S S S S S S S S S	SS AFF SWAZ HANZ KENYA	KENY A KENY A	GHANA CO RI	KENYA S AFR AUSTL INOD S AFR	RHOD RHOD TANZ PERU USA	CO RI CO RI B CON CHINA	S S S S S S S S S S S S S S S S S S S	USA USA NIGIA BRAZ INDIA
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BRANCHES	MEDIUM ABUNDANT ABUNDANT MEDIUM	SPAZSE ABUNDANT	ABUNDANT	ABULUDANT ABULUDANT ABULUDANT ABULUDANT	ABBULDDANT ABULDDANT ABULDDANT ABULDDANT	ABUNDANT	ABULUDANT ABULUDANT MEDIUM MEDIUM	ABUNDANT MEDIUM ABUNDANT MEDIUM		
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SPECIES	LEUCOCEPHALA LEUCOCEPHALA LEUCOCEPHALA LEUCOCEPHALA	LEUCOCEPHALA LEUCOCEPHALA LEUCOCEPHALA LEUCOCEPHALA LEUCOCEPHALA	LEUCOCEPHALA LEUCOCEPHALA LEUCOCEPHALA LEUCOCEPHALA LEUCOCEPHALA	LEUCOCEPHALA LEUCOCEPHALA LEUCOCEPHALA LEUCOCEPHALA LEUCOCEPHALA	BAAILI BAAILI BAAILI BAAILI BAINSSII	BAAILASIII BAAILASIII BAAILASIII BAAILASIII	BBANNS II	BAAIN SAIL BAAIN SAIL BAAIN SAIL	BAAILU BAAILU BAAILU BAAILU BAAILU BAAILU	BAINSII BAINSII BAINSII GLAUCESCEAS
GENUS	LEUCAENA LEUCAENA LEUCAENA	LEUCAENA LEUCAENA LEUCAENA LEUCAENA LEUCAENA	LEUCAENA LEUCAENA LEUCAENA LEUCAENA	LEUCAENA LEUCAENA LEUCAENA LEUCAENA	LOTONONIS LOTONONIS LOTONONIS LOTONONIS LOTONONIS	LOTONONIS LOTONONIS LOTONONIS LOTONONIS LOTONONIS	LOTONONIS LOTONONIS LOTONONIS LOTONONIS	LOTONONIS LOTONONIS LOTONONIS LOTONONIS LOTONONIS	LOTONONIS LOTONONIS LOTONONIS LOTONONIS	LOTONONIS LOTONONIS MIMOSA MIVOSA
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P. I.	GENUS	SPECIES	SOURCE	CULTIVAR OR OTHER IDENTIFICATION	MATURITY	PLANT HEIGHT	PLANT WIDTH (DM)	BRANCHES	FOLIAGE	SEED PRO- DUCTION
358904	RHYNCHUSIA	Sp	ELSAL							
01010	HYNCHO	- 2 =	S AFR ITALY		LATE		24	MEDIUM	MED I UM	нген
167069 167290 212624		ARABICA ARABICA ARABICA	TURKY TURKY AFGH		LATE	ma	24	MEDIUM	SPARSE	MEDIUM HIGH
215607 228234 271226 180050 219850	SSESSES SSESSES SSESSES SSESSES SSESSES SSESSE	BISPINDSA BISPINDSA BISPINDSA CANNABINA CINEKASCEUS	INDIA INDIA INDIA CEYL		MIDSEASON	m	\$ \$	MEDI UM	SPARSE	MEDIUM
263164 159114 175005 322626 337595	S S S S S S S S S S S S S S S S S S S	CINERASCENS EXASPERATA EXASPERATA EXASPERATA EXASPERATA	CE YL PERU URUG BR AZ AR GN		LATE	4	30	MEDIUM	MEDIUM	
168623 175005 263519 296055 175007	SE S	MACROCARPA MACROCARPA MACROCARPA MACROCARPA MARGINATA	AUSTL VAUSTL VAEX VAEX VAUS		EARLY	-	end and	WEDIUM	MED I UM	HIGH
24.7856 37.2236 284844 2848449 284850	SESHANIA SESHANIA SESHANIA SESHANIA SESHANIA	PACHYCARDA PUNICEA SERICEA SERICEA	B CON UPUG AUSTL AUSTL AUSTL							
1560	ESBANI	ESBA	INDIA		MIDSEASON	ы	33	ABUNDANT	MEDIUM	нын
228235 228235 228235 233551	SESSANIA SESSANIA SESSANIA SESSANIA	SESSEAN SESSEAN SESSEAN	INDIA	IPIC-1PIC	LATE	ריז	18	MEDIUM	SPARSE	MEDIUM
247857 271227 271228 279601 298626	SESSENTIA SESSENTIA SESSENTIA SESSENTIA SESSENTIA	SET	B INDIA INDIA INDIA INDIA INDIA INDIA INDIA INDIA INDIA INDIA	BN-15332-54	MIDSEASON	, mat	Φ	MEDIOM	SPARSE	Н9 1 Н
322629 302088 322630 365143 240520	SESBANIA SESBANIA SESBANIA SESBANIA SMITHIA	SESBAN SP SP TTRADIERA BIGEMINA	BKAZ USA USA BRAZ SWAZ INDIA		MIDSEASON	ent	*	SPA2SE SPA2SE	MEDIUM	HIGH
230272 304153 311517 322631	SOPHORA STIZOLCBIUM STIZOLCBIUM STIZOLDBIUM STIZOLDBIUM	SP ATERPINUM ATERRINUM ATERRINUM ATERPINUM	1 E A N B B B B A Z B B B A Z Z B B A Z Z B A Z Z B A Z Z B A Z Z B B B A Z Z B B B B	MUCUNA PRETA						
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SOMERSET					A 1731	K 29 K 67 C 00K Q 9231	CPI 34906 CPI 34911A CPI 38222 CPI 40255 CPI 47294	CPI 41218 VERND	CPI 40268	
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